

4. ABSTRACT:

Offshore Energy Platform

A method and means to generate electrical energy offshore by combining a known type of wind driven turbine and a known type of subsurface water current driven turbine, which are attached to a common rigid offshore structure. The structure consists of a subsurface base (14) where supports (11, 12) are attached. The above surface section of the common structure consists of one or more platforms (16, 18) for mounting a remote generator (19) and a wind turbine tower (21) which supports a known type of wind driven turbine (22) and generator (20). The subsurface section of the common structure supports a known type of water current driven turbine (7, 8, 9, 10, 15, 23, 25). This combination of both a wind driven turbine and a water current driven turbine, using a common offshore rigid structure will have the generating capacity to generate two to three times more energy than separate stand alone systems.